

/ Revised record

A	2022-3-31				

/ Descriptions

BRAD6265DSC	BRAD6265DSC	PWM
90V~264V	CC/CV	
	UVLO	OTP
		BRAD6265DSC
FB		OCP

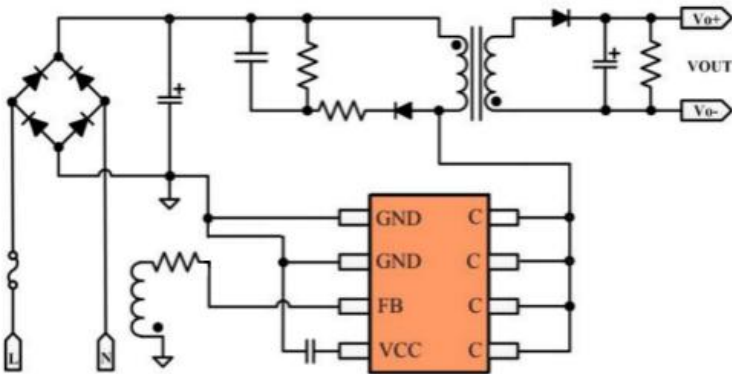
/ Features

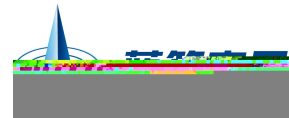
- ◆
- ◆
- ◆ FB
- ◆ TL431
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆ FB
- ◆
- ◆
- ◆ SOP-8

/ Applications

- ◆
- ◆ LED
- ◆
- ◆ RCC

/ Application Circuit





Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
	T_{LEB}			300		ns
	I_{PMAX}		300	330	360	mA
FB						
	V_{FB_REF}			1.2		V
	V_{FB_SHORT}			0.5		V
	T					

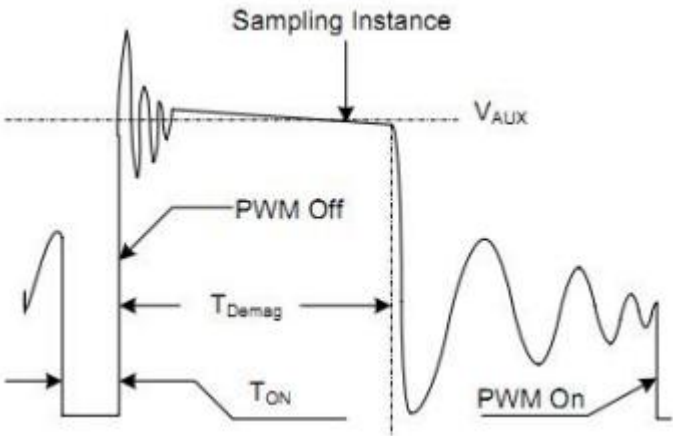
/ Functional Description

BRAD6265DSC		PWM
	BRAD6265DSC	
	CC/CV	
90V~264V		TL431
/		
BRAD6265DSC	CC	
	CV	FB
FB		
BRAD6265DSC	CC/CV	DCM
		I _p

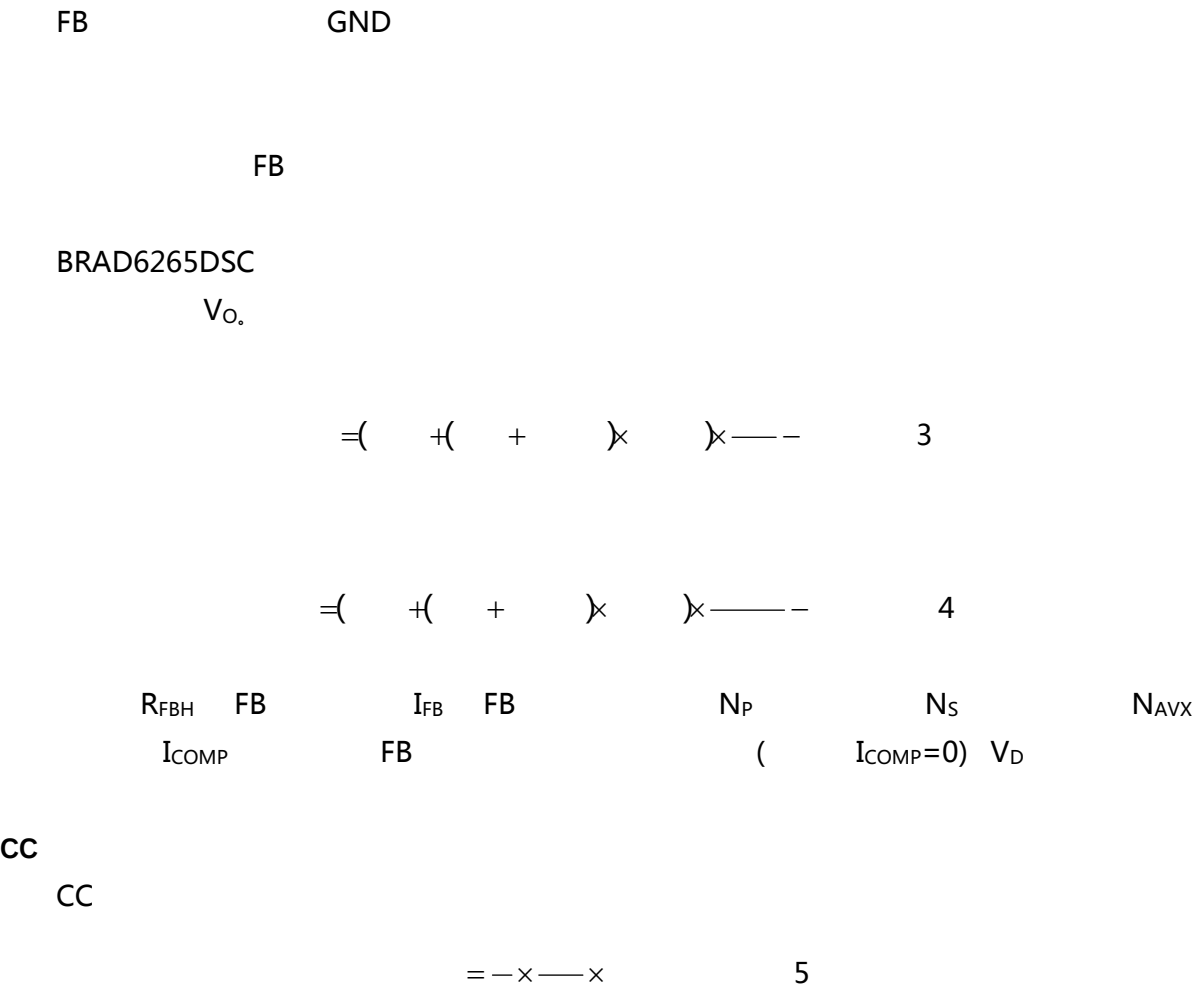
$$= \frac{V_{AUX}}{V_{FB}} \times \frac{1}{1 + \Delta}$$

$$= \frac{V_{AUX}}{V_{FB}} \times \left(\frac{1}{1 + \Delta} \right) \quad 2$$

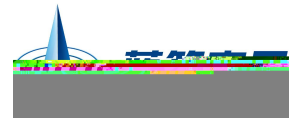
Δ



1



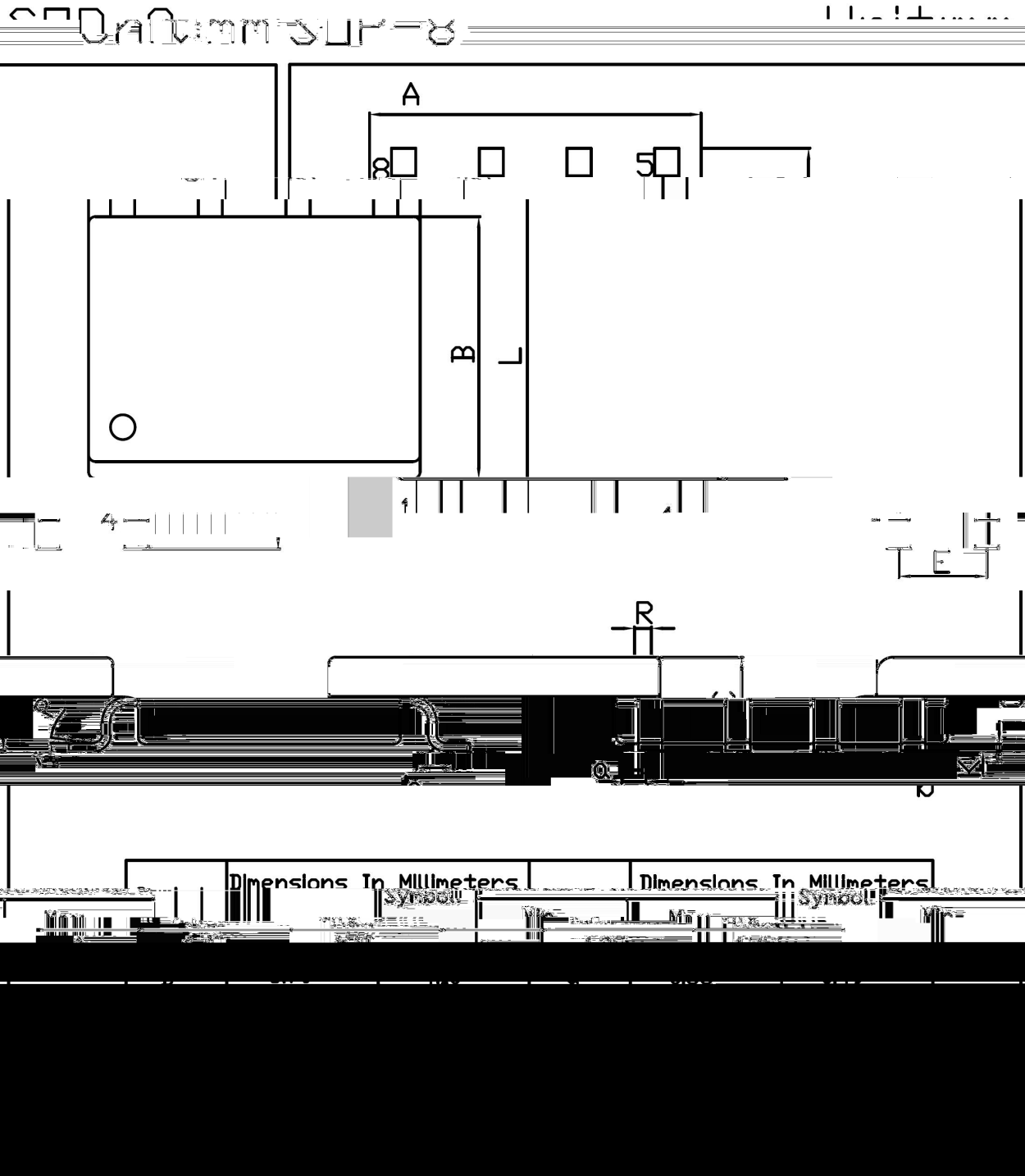
BRAD6265DSC



/ Functional Description

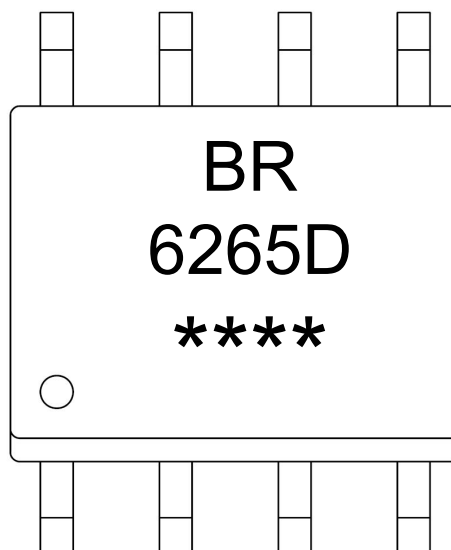
1
BRAD6265DSC
BRAD6265DSC
UVLO VCC
PCB
BRAD6265DSC PCB
GND PCB CS GND PCB
VCC 2.2uF X7R ≥6.3V 4.7uF/10V VCC
VCC GND , VCC VCC
FB FB FB
C C ;
EMI
VCC VCC VCC>3.3V

/ Package Dimensions





/ Marking Instructions



BR

6265D

Note

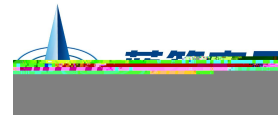
BR

Company Code

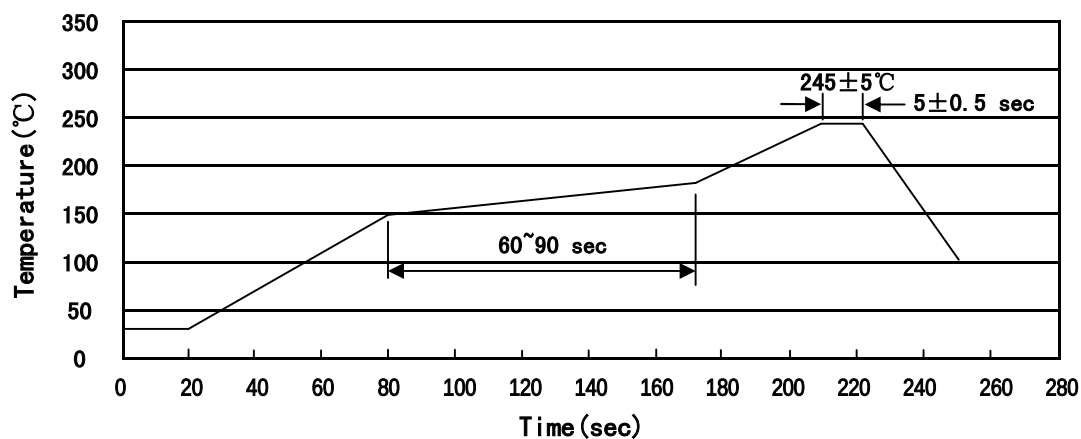
6265D

Product Type

Lot No.Code,code change with Lot No



() / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- | | | | | | |
|---|-------|-----|----|-----------|--|
| 1 | 150 | 180 | 60 | 90sec; | 1.Preheating:150~180°C, Time:60~90sec. |
| 2 | 245±5 | | | 5±0.5sec; | 2.Peak Temp.:245±5°C, Duration:5±0.5sec. |
| 3 | | | 2 | 10°C/sec. | 3. Cooling Speed: 2~10°C/sec. |

/ Resistance to Soldering Heat Test Conditions

260±5°C 10±1 sec. Temp.:260±5°C Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SOP-8	4,000	2	8,000	6	48,000	13" ×12	360×360×50	380×335×366

/ Notices